REFERENCES

1. M. P. Dewar, A. G. McDonald and A. P. Gerlich, 2012, **Interfacial heating during low-pressure cold-gas dynamic spraying of aluminum coatings**
Journal of Materials Science, Volume 47, Number 1, Pages 184-198

2. H. Lee, H. Shin and K. Ko Journal of Thermal Spray Technology, 2010, **Effects of Gas Pressure of Cold Spray on the Formation of Al-Based Intermetallic Compound**
Volume 19, Numbers 1-2, Pages 102-109

3. Heli Koivuluoto and Petri Vuoristo,2010, **Structural Analysis of Cold-Sprayed Nickel-Based Metallic and Metallic-Ceramic Coatings** Journal of Thermal Spray Technology, Volume 19, Number 5, Pages 975-989

4. J. G. Legoux, E. Irissou and C. Moreau, 2007,**Effect of Substrate Temperature on the Formation Mechanism of Cold-Sprayed Aluminum, Zinc and Tin Coatings**
Journal of Thermal Spray Technology, Volume 16, Numbers 5-6, Pages 619-626

5. K. Ogawa, K. Ito, K. Ichimura, Y. Ichikawa and S. Ohno, et al. 2008, **Characterization of Low-Pressure Cold-Sprayed Aluminum Coatings** Journal of Thermal Spray Technology, Volume 17, Numbers 5-6, Pages 728-735

6. The Repair of Magnesium Rotorcraft Components by Cold Spray
JOURNAL OF THERMAL SPRAY TECHNOLOGY Volume 16, Number 2, 306-317, DOI: 10.1007/s11666-007-9039-2

7. *KeeHyun Kim, Seiji Kuroda and Makoto Watanabe , 2010,* **Microstructural Development and Deposition Behavior of Titanium Powder Particles in Warm Spraying Process: From Single Splat to Coating** *Journal of Thermal Spray Technology, Volume 19, Number 6, Pages 1244-1254*

8. P. Fauchais, A. Vardelle and B. Dussoubs,2001, **Quo vadis thermal spraying**
Journal of Thermal Spray Technology, Volume 10, Number 1, Pages 44-66

9. XiangKun Wu, JiShan Zhang, XiangLin Zhou, Hua Cui and JingChun Liu, December 2011 **Advanced cold spray technology** SCIENCE CHINA Technological Sciences, Online First™, 17

10. M. Bobby Kannan, W. Dietzel and R. Zettler ,2011, **In vitro degradation behaviour of a friction stir processed magnesium alloy**
Journal of Materials Science: Materials in Medicine, , Volume 22, Number 11, Pages 2397-2401

11. D. Kocańda, A. Górka and D. Zasada 2011,**Formation of a Metal Coating by Means of Friction Stir Processing**, ICAF Structural Integrity: Influence of Efficiency and Green Imperatives, Part 3, Pages 167-178

12. Durbadal Mandal, B. K. Dutta and S. C. Panigrahi , 2007, **Dry sliding wear behavior of stir cast aluminium base short steel fiber reinforced composites**
Journal of Materials Science, Volume 42, Number 7, Pages 2417-2425

13. **C** Ramesh Puli, E. Nandha Kumar and G. D. Janaki Ram, 2011, c**haracterization of friction surfaced martensitic stainless steel (AISI 410) coatings**
Transactions of the Indian Institute of Metals, Volume 64, Numbers 1-2, Pages 41-45 Show SummaryHide SummaryDownload PDF (375.1 KB)

14. M. J. Peel, A. Steuwer, P. J. Withers, T. Dickerson and Q. Shi, et al, 2006, **Dissimilar friction stir welds in AA5083-AA6082.**.Metallurgical and Materials Transactions A, Volume 37, Number 7, Pages 2183-2193

15. **A** Ø. Frigaard, Ø. Grong and O. T. Midling **,** 2001, **process model for friction stir welding of age hardening aluminum alloys** Metallurgical and Materials Transactions A, Volume 32, Number 5, Pages 1189-1200

16. M. Magnani, P. H. Suegama, N. Espallargas, C. S. Fugivara and S. Dosta, et al. 2009,**Corrosion and Wear Studies of Cr3C2NiCr-HVOF Coatings Sprayed on AA7050 T7 Under Cooling** Journal of Thermal Spray Technology, Volume 18, Number 3, Pages 353-363

17. S. A. Silkin, S. S. Belevskii, A. S. Gradinar', V. I. Petrenko and I. V. Yakovets, et al. 2010, **Electro deposition of nanocrystalline Co-W coatings from citrate electrolytes under controlled hydrodynamic conditions part 3: The micro- and macro distribution of the deposition rates, the structure, and the mechanical propertie** Surface Engineering and Applied Electrochemistry, Volume 46, Number 3, Pages 206-214

18. . D. Espinosa, A. Patanella and M. Fischer, 2000, **A novel dynamic friction experiment using a modified kolsky bar apparatus ,** HExperimental Mechanics, Volume 40, Number 2, Pages 138-153

19. H. S. Arora, H. Singh and B. K. Dhindaw, December 2011,**Composite fabrication using friction stir processing,** The International Journal of Advanced Manufacturing Technology, Online First™, 3

20. G. Madhusudhan Reddy and K. Srinivasa Rao, 2010, **Enhancement of wear and corrosion resistance of cast A356 aluminium alloy using friction stir processing**
,Transactions of the Indian Institute of Metals, Volume 63, Number 5, Pages 793-798

21. Guifeng Zhang, Wei Su, Jianxun Zhang and Zhongxin Wei, 2011, **Friction Stir Brazing: a Novel Process for Fabricating Al/Steel Layered Composite and for Dissimilar Joining of Al to Steel ,**Metallurgical and Materials Transactions A, , Volume 42, Number 9, Pages 2850-2861

22. Valle, Jorge del,Rey, P.,Gesto, D.,Verdera, D.,Ruano, Oscar Antonio, (2012) **Friction Stir Processing of the Magnesium alloy AZ61: Grain Size Refinement and Mechanical Properties** Publisher: Trans Tech Publications Citation: Materials Science Forum 706 - 709 :1823-1828

23. Rey, P,Gesto, D,Valle, Jorge del,Verdera, D,Ruano, Oscar Antonio(2012) **Fine And Ultra-Fine Grained AZ61 And AZ91 Magnesium Alloys Obtained By Friction Stir Processing** Publisher: Trans Tech Publications Citation: Materials Science Forum 706-709 : 1002-1007

24. Friction coating for film backings

United States Patent 5573816 **Coated friction pad for brake assembly**

United States Patent 5971113

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Saiter Jr., Delwyn William (Oxford, MI

25. Friction lining

United States Patent 8025134

Föge, Volker (Ebensee, AT)

Tsioptsias, Zisis (Gmunden, AT)

26. Friction and wear-reducing coating

United States Patent 8039096

Zhu, Dong (Farmington Hills, MI, US)

Milner, Robert (Warren, MI, US)

Elmoursi, Alaa Abdelazim (Troy, MI, US)

27. Kuang Jiacail, **"Study on wear resistant cast B-containing 1Cr18Ni9Ti stainless steel",** China Foundary,Vol. 6, No.1, 2008